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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

KHAN, MEHMOOD B

ART UNIT

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/550,914	Applicant(s) DAFFNER ET AL.	
	Examiner MEHMOOD B. KHAN	Art Unit 2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 April 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☒ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 04/24/2009 has been entered.

Response to Arguments

Applicant's arguments with respect to claims have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 12-14 and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Laumen et al. (US 2003/0086438 herein Laumen) in view of Fenton et al. (US 2003/0193951 herein Fenton).

Claim 12, Laumen discloses a device for immediate delivery of e-mails to a telecommunication device of a recipient via at least one telecommunication network

(Abstract, 0008, where Laumen discloses mail transfer protocol), Laumen discloses with an e-mail server for transmitting the e-mails from a sender to the recipient **(0041, Fig. 4: 1 & 2, where Laumen discloses a sender (UAA) and a Relay/Server (RSA))**, Laumen discloses a telecommunication network including MMS or WAP push systems **(0041, Fig. 4: 2, 12 & 11, where Laumen discloses a UAB, MMS servers using WAP)**, Laumen discloses a push server connected with the e-mail server for immediate delivery of the e-mails received by the e-mail server to the communication terminal of the recipient **(Fig. 4: 12 & 11, where Laumen discloses MMS servers)**.

Laumen does not explicitly disclose e-mails received by the polled e-mail server.

In an analogous art, Fenton discloses e-mails received by the polled e-mail server **(0100, where Fenton discloses Emails received on an external server, which is polled)**. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Laumen to use polling as taught by Fenton so as to use various methods for discover of new messages on external servers **(0100)**.

Claim 13, Laumen discloses wherein the telecommunication terminal is a mobile telecommunication terminal **(0006, where Laumen discloses a mobile radio)**.

Claim 14, Laumen discloses wherein the telecommunication terminal is a landline telecommunication terminal **(0013, where Laumen discloses a computer)**.

Claim 16, as analyzed with respect to the limitations as discussed in claim 7.

Claims 1-8, 10-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Laumen et al. (US 2003/0086438 herein Laumen) in view of Gabriel et al. (US 2004/0082348 herein Gabriel) in view of Fenton.

Claim 1, Laumen discloses a method for immediate delivery of an e-mail to a telecommunication device of a recipient via at least one telecommunication network **(Abstract, 0008, where Laumen discloses mail transfer protocol)**, Laumen discloses wherein the e-mail is transmitted from a sender via an e-mail server to the recipient **(0041, Fig. 4: 1 & 2, where Laumen discloses a sender (UAA) and a Relay/Server (RSA))**, Laumen discloses delivering the e-mail to a telecommunication terminal of the recipient via conventional MMS or WAP push systems **(0041, Fig. 4: 2, 12 & 11, where Laumen discloses a UAB, MMS servers using WAP)**, Laumen discloses in that in that the e-mails are forwarded from the e-mail server to a specially configured push mail server based on the e-mail address of the recipient **(0363, Fig. 4: 2 & 12, where Laumen discloses receiving address in the message and sender-end RSA and recipient-end RSA).**

Laumen does not explicitly disclose from where they are delivered to the telecommunication terminal based on a telephone number, which is included in the e-mail; e-mails are forwarded from a polled e-mail server.

In an analogous art, Gabriel discloses from where they are delivered to the telecommunication terminal based on a telephone number, which is included in the e-mail **(0233, where Gabriel discloses sending the message to the intended recipient, after parsing the message)**. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Laumen by

forwarding emails to devices based on addresses as taught by Gabriel so as to send messages to incompatible and distant cellular networks **(0007)**.

Laumen in view of Gabriel does not explicitly disclose e-mails are forwarded from a polled e-mail server.

In an analogous art, Fenton discloses e-mails are forwarded from a polled e-mail server**(0100, where Fenton discloses Emails received on an external server, which is polled)**. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Laumen in view of Gabriel to use polling as taught by Fenton so as to use various methods for discover of new messages on external servers **(0100)**.

Claim 2, Laumen discloses the e-mail address of the recipient **(0347)**.

Laumen does not explicitly disclose wherein a subscriber account is established for each subscriber on the push mail server, the subscriber account including at least the telephone number of at least one telecommunication terminal.

In an analogous art, Gabriel discloses wherein a subscriber account is established for each subscriber on the push mail server **(0233, where Gabriel discloses account information)**, Gabriel discloses the subscriber account including at least the telephone number of at least one telecommunication terminal **(0233, where Gabriel discloses a phone number)**. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Laumen to include account information and telephone numbers as taught by Gabriel so as to send messages to incompatible and distant cellular networks **(0007)**.

Claim 3, Laumen discloses wherein forwarding of the e-mail from the e-mail server to the push mail server is controlled by a device and by applying forwarding rules **(Fig. 4: 2 where forwarding of emails is based is done by a RSA).**

Claim 4, Laumen does not explicitly disclose wherein the push mail server determines the telephone number of the telecommunication terminal of the recipient from the employed push mail address.

In an analogous art, Gabriel discloses wherein the push mail server determines the telephone number of the telecommunication terminal of the recipient from the employed push mail address **(0233, where Gabriel discloses parsing the address).** Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Laumen to include parsing the address as taught by Gabriel so as to send messages to incompatible and distant cellular networks **(0007).**

Claim 5, Laumen discloses wherein the push mail server is connected to the MMS or WAP push systems of the employed telecommunication network **(Fig. 4: 2 & 12, where Laumen discloses a MMS-WAP push system).**

Claim 6, Laumen discloses wherein the function of the push mail server is integrated directly in the existing e-mail server **(0006, 0007, Fig. 2: 2,12, where Laumen discloses that it is well known to have a relay and server as one configuration).**

Claim 7, Laumen inherently discloses wherein the push mail server encapsulates the e-mail in a suitable content type, so that the e-mail can be transmitted via MMS or WAP push format **(0041, where Laumen discloses delivery using WAP)**.

Claim 8, Laumen discloses wherein a "message/rfc822" is employed as a content type **(0008, 0373, where Laumen discloses an email address)**.

Claim 10, Laumen discloses wherein a conventional WAP client or MMS client, which detects and processes encapsulated e-mails, is installed in the telecommunication terminal **(0041, where Laumen discloses an UAB at the terminal)**.

Claim 11, Laumen discloses wherein, if message units encapsulated with the special content type are detected, the e-mail contained therein is extracted and transmitted to the e-mail client of the telecommunication terminal **(0347, where Laumen discloses delivery via an email address)**.

Claim 15, as analyzed with respect to the limitations as discussed in claim 2.

Claim 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over Laumen in view of Gabriel in view of Fenton in view of Ala-Luukko et al. (US 2003/0064706 herein Luukko).

Laumen in view of Gabriel in view of Fenton does not disclose wherein the push mail server includes a billing mechanism, which is used to produce toll tickets for the billing system of telecommunication network operators or other service providers.

In an analogous art, Ala-Luukko discloses wherein the push mail server includes a billing mechanism, which is used to produce toll tickets for the billing system of telecommunication network operators or other service providers **(0023, where Ala-Luukko discloses a billing tickets)**. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Laumen in view of Gabriel in view of Fenton to include billing tickets as taught by Ala-Luukko so as to track message transactions.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MEHMOOD B. KHAN whose telephone number is (571)272-9277. The examiner can normally be reached on Monday - Friday 8:30 am - 5:00 pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on 571-272-7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic

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Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/M. B. K./
Examiner, Art Unit 2617

/Lester Kincaid/
Supervisory Patent Examiner, Art Unit 2617